



永辅通科技（上海）有限公司

Forten Technology (ShangHai) Co.,LTD..

Antenna SPEC

Project Name: G5K61

Working Band: BT2.4G

Forten BOM:

ANT Type	YFT P/N
BT Antenna	BT

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Shanghai R & D center: Room 203, building 1, No. 3408, Xiupu Road, Pudong New Area, Shanghai.

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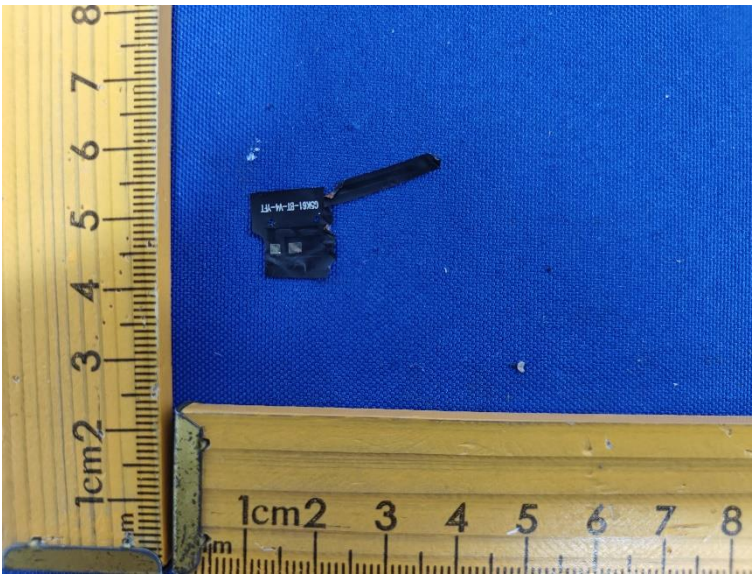
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1. PROJECT PICTURES

project pictures shown below:



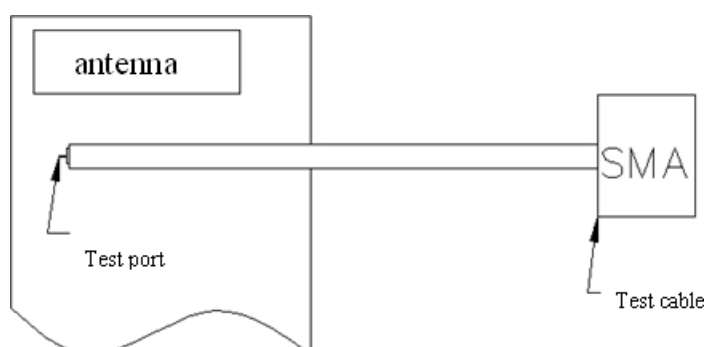
PS:

To ensure that the antenna shipment quality, the final mobile phone Clients validated the antenna's performance, should be kept in our company for at least a year time, facilitate solving antenna amount during abnormal situation.

2. TEST FIXTURE

Purpose: To test antenna passive parameters as accurately as possible .

methods: the fixture is to use a 50 ohm coaxial cable, one end is connected to the pad after the antenna 's matching circuit (the front of the antenna switch) , and the other end is connected to the SMA connector.

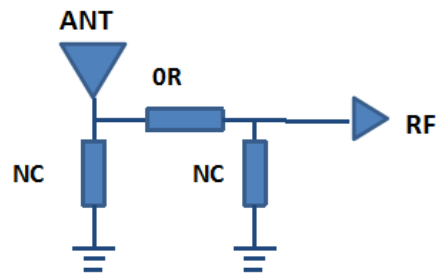


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3. MATCHING CIRCUIT

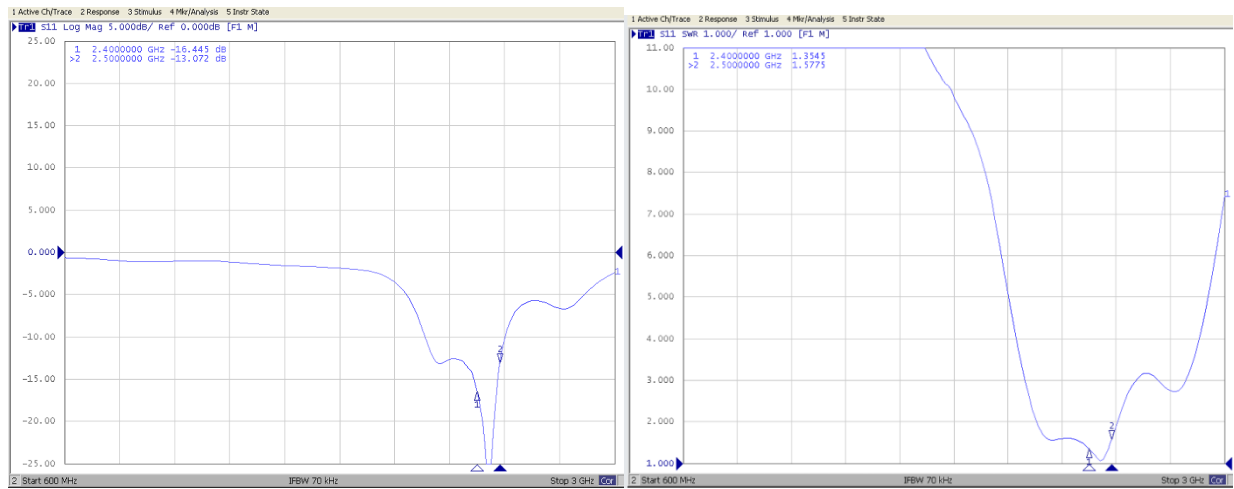


PS: There's NO a change in the matching circuit.

4. S11 test

4.1 S11 parameter

FRq (MHz)	2400	2500				
Return loss	-16.4	-13.1				



5 OTA TEST DATA

5.1 Passive Gain &efficiency:

frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(%)
2400	0.2	30.76
2410	0.3	32.04
2420	0.34	32.82
2430	0.18	31.11
2440	0.1	30.43
2450	0.06	29.72
2460	0.09	27.69
2470	0.16	28.08
2480	-0.09	26.55
2490	0.06	27.54
2500	-0.03	27.33

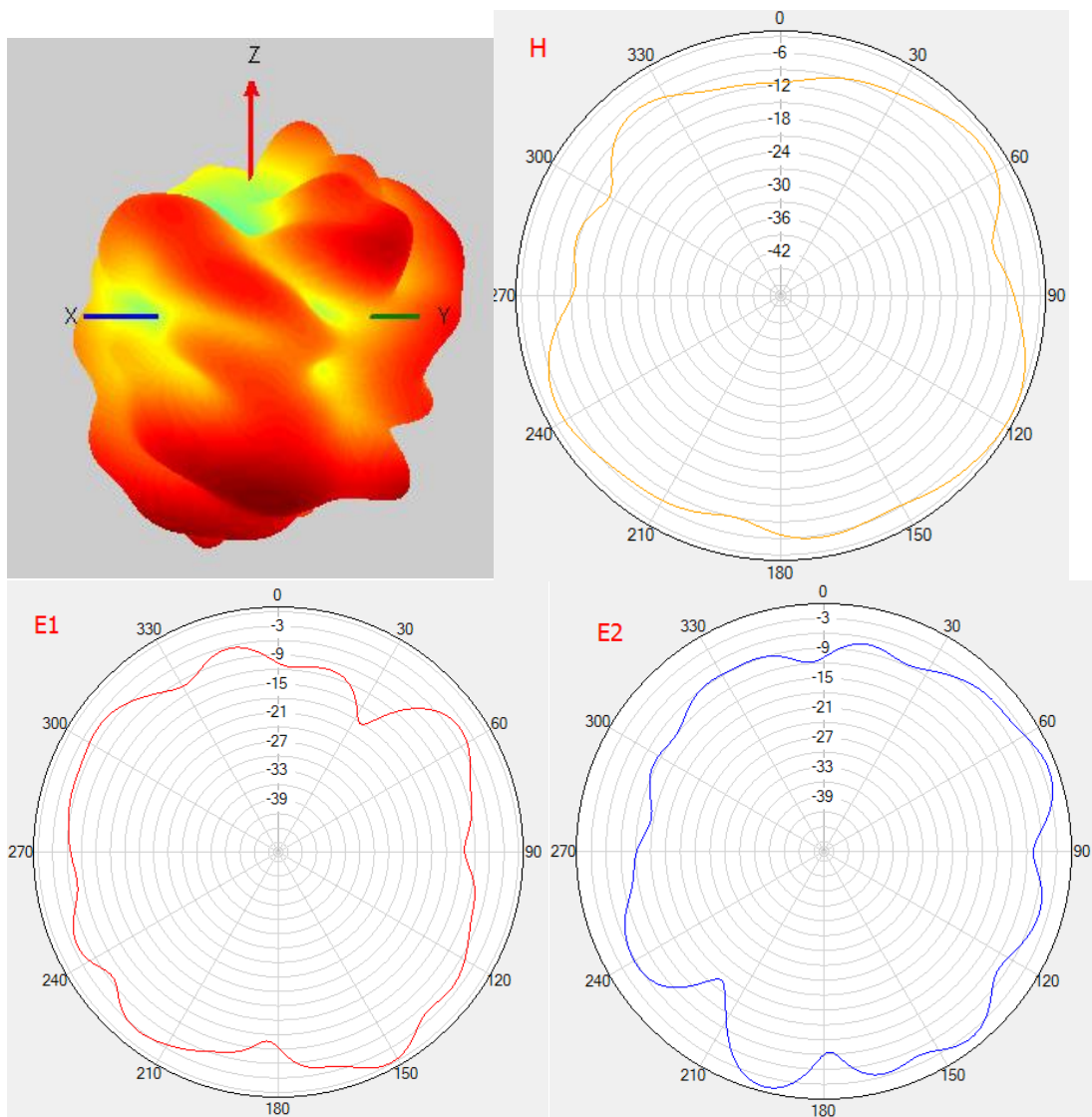
5.2 Active OTA test data :

无

6. Radiation Pattern

2450MHZ

Forten Technology (Shanghai) Ltd. Company Antenna Specification



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